

Abstract

The invention relates to a cage (1, 17, 30) for cylindrical rolling-contact elements (8, 9), especially a needle cage, in which two rolling-contact elements (8, 9) that are in contact with one another at their lateral surfaces are arranged in series in the circumferential direction in a pocket (7, 23, 39) and each of the two is guided parallel to a cage axis (1.1, 17.1, 30.1) by a web (6, 22, 33) connecting adjoining side rings (2, 3, 18, 19, 31, 32) to one another, there being stub-shaped webs (15, 29, 40) on the side rings (2, 3, 18, 19, 31, 32) in the center of the pockets, between the two rolling-contact elements (8, 9), said webs projecting partially into the pocket (7, 23, 39), between the rolling-contact elements (8, 9).

According to the invention, the cage (1, 17, 30) is distinguished by the fact that the webs (6, 22, 33) comprise sections (10, 11, 28, 38, 14, 24, 25, 34, 35) that extend parallel to the cage axis (1.1, 17.1, 30.1), lie partially inside and partially outside the pitch circle and are connected to one another by sections (12, 13, 26, 27, 36, 37) that extend obliquely to the cage axis (1.1, 17.1, 30.1), the cage (1, 17, 30) being rolled into a round shape from a profiled sheet-metal strip, the ends of which are connected to one another after it has been bent into a round shape, and

the stub-shaped webs (15, 29, 40) having no contact with the rolling-contact elements (8, 9) during rotation of the cage (1, 17, 30).